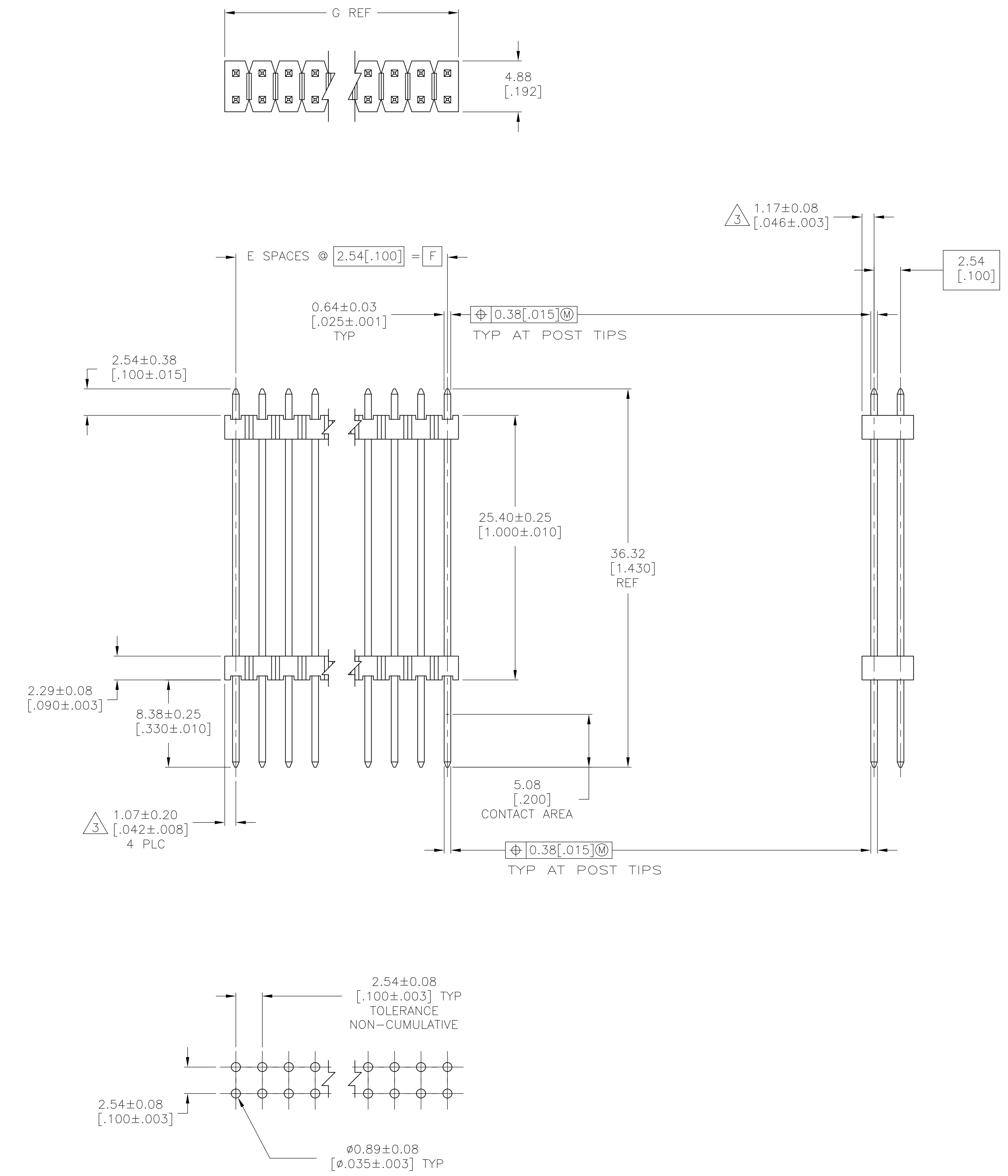




1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
2. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
3. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
4. HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
5. FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.
6. FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.

RECOMMENDED HOLE LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
R BROWN
19OCT2006

CHK
J GESFORD
19OCT2006

APVD
J GESFORD
19OCT2006

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.5[.02]
2 PLC ± 0.13[.005]
3 PLC ± -
4 PLC ± -
ANGLES ± - ± -

MATERIAL

FINISH
SEE TABLE

NAME
HEADER ASSEMBLY, MOD II,
STACKING, DOUBLE ROW,
.025 SQ.POST, UNSHROUDED

SIZE
A1

CAGE CODE
00779

DRAWING NO
146509

RESTRICTED TO

CUSTOMER DRAWING

SCALE
4:1

SHEET
1

OF
2

REV
A1

TE Connectivity

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST00

REV

DATE

BY

APPROVED

DESCRIPTION

SEE SHEET 1

△ ₆	101.19 [3.984]	99.06 [3.900]	39	80	9-146509-0
△ ₆	98.65 [3.884]	96.52 [3.800]	38	78	8-146509-9
△ ₆	96.11 [3.784]	93.98 [3.700]	37	76	8-146509-8
△ ₆	93.57 [3.684]	91.44 [3.600]	36	74	8-146509-7
△ ₆	91.03 [3.584]	88.90 [3.500]	35	72	8-146509-6
△ ₆	88.49 [3.484]	86.36 [3.400]	34	70	8-146509-5
△ ₆	85.95 [3.384]	83.82 [3.300]	33	68	8-146509-4
△ ₆	83.41 [3.284]	81.28 [3.200]	32	66	8-146509-3
△ ₆	80.87 [3.184]	78.74 [3.100]	31	64	8-146509-2
△ ₆	78.33 [3.084]	76.20 [3.000]	30	62	8-146509-1
△ ₆	75.79 [2.984]	73.66 [2.900]	29	60	8-146509-0
△ ₆	73.25 [2.884]	71.12 [2.800]	28	58	7-146509-9
△ ₆	70.71 [2.784]	68.58 [2.700]	27	56	7-146509-8
△ ₆	68.17 [2.684]	66.04 [2.600]	26	54	7-146509-7
△ ₆	65.63 [2.584]	63.50 [2.500]	25	52	7-146509-6
△ ₆	63.09 [2.484]	60.96 [2.400]	24	50	7-146509-5
△ ₆	60.55 [2.384]	58.42 [2.300]	23	48	7-146509-4
△ ₆	58.01 [2.284]	55.88 [2.200]	22	46	7-146509-3
△ ₆	55.47 [2.184]	53.34 [2.100]	21	44	7-146509-2
△ ₆	52.93 [2.084]	50.80 [2.000]	20	42	7-146509-1
△ ₆	50.39 [1.984]	48.26 [1.900]	19	40	7-146509-0
△ ₆	47.85 [1.884]	45.72 [1.800]	18	38	6-146509-9
△ ₆	45.31 [1.784]	43.18 [1.700]	17	36	6-146509-8
△ ₆	42.77 [1.684]	40.64 [1.600]	16	34	6-146509-7
△ ₆	40.23 [1.584]	38.10 [1.500]	15	32	6-146509-6
△ ₆	37.69 [1.484]	35.56 [1.400]	14	30	6-146509-5
△ ₆	35.15 [1.384]	33.02 [1.300]	13	28	6-146509-4
△ ₆	32.61 [1.284]	30.48 [1.200]	12	26	6-146509-3
△ ₆	30.07 [1.184]	27.94 [1.100]	11	24	6-146509-2
△ ₆	27.53 [1.084]	25.40 [1.000]	10	22	6-146509-1
△ ₆	24.99 [.984]	22.86 [.900]	9	20	6-146509-0
△ ₆	22.45 [.884]	20.32 [.800]	8	18	5-146509-9
△ ₆	19.91 [.784]	17.78 [.700]	7	16	5-146509-8
△ ₆	17.37 [.684]	15.24 [.600]	6	14	5-146509-7
△ ₆	14.83 [.584]	12.70 [.500]	5	12	5-146509-6
△ ₆	12.29 [.484]	10.16 [.400]	4	10	5-146509-5
△ ₆	9.75 [.384]	7.62 [.300]	3	8	5-146509-4
△ ₆	7.21 [.284]	5.08 [.200]	2	6	5-146509-3
△ ₆	4.67 [.184]	2.54 [.100]	1	4	5-146509-2
△ ₆	2.13 [.084]	-	-	2	5-146509-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

△ ₅	101.19 [3.984]	99.06 [3.900]	39	80	4-146509-0
△ ₅	98.65 [3.884]	96.52 [3.800]	38	78	3-146509-9
△ ₅	96.11 [3.784]	93.98 [3.700]	37	76	3-146509-8
△ ₅	93.57 [3.684]	91.44 [3.600]	36	74	3-146509-7
△ ₅	91.03 [3.584]	88.90 [3.500]	35	72	3-146509-6
△ ₅	88.49 [3.484]	86.36 [3.400]	34	70	3-146509-5
△ ₅	85.95 [3.384]	83.82 [3.300]	33	68	3-146509-4
△ ₅	83.41 [3.284]	81.28 [3.200]	32	66	3-146509-3
△ ₅	80.87 [3.184]	78.74 [3.100]	31	64	3-146509-2
△ ₅	78.33 [3.084]	76.20 [3.000]	30	62	3-146509-1
△ ₅	75.79 [2.984]	73.66 [2.900]	29	60	3-146509-0
△ ₅	73.25 [2.884]	71.12 [2.800]	28	58	2-146509-9
△ ₅	70.71 [2.784]	68.58 [2.700]	27	56	2-146509-8
△ ₅	68.17 [2.684]	66.04 [2.600]	26	54	2-146509-7
△ ₅	65.63 [2.584]	63.50 [2.500]	25	52	2-146509-6
△ ₅	63.09 [2.484]	60.96 [2.400]	24	50	2-146509-5
△ ₅	60.55 [2.384]	58.42 [2.300]	23	48	2-146509-4
△ ₅	58.01 [2.284]	55.88 [2.200]	22	46	2-146509-3
△ ₅	55.47 [2.184]	53.34 [2.100]	21	44	2-146509-2
△ ₅	52.93 [2.084]	50.80 [2.000]	20	42	2-146509-1
△ ₅	50.39 [1.984]	48.26 [1.900]	19	40	2-146509-0
△ ₅	47.85 [1.884]	45.72 [1.800]	18	38	1-146509-9
△ ₅	45.31 [1.784]	43.18 [1.700]	17	36	1-146509-8
△ ₅	42.77 [1.684]	40.64 [1.600]	16	34	1-146509-7
△ ₅	40.23 [1.584]	38.10 [1.500]	15	32	1-146509-6
△ ₅	37.69 [1.484]	35.56 [1.400]	14	30	1-146509-5
△ ₅	35.15 [1.384]	33.02 [1.300]	13	28	1-146509-4
△ ₅	32.61 [1.284]	30.48 [1.200]	12	26	1-146509-3
△ ₅	30.07 [1.184]	27.94 [1.100]	11	24	1-146509-2
△ ₅	27.53 [1.084]	25.40 [1.000]	10	22	1-146509-1
△ ₅	24.99 [.984]	22.86 [.900]	9	20	1-146509-0
△ ₅	22.45 [.884]	20.32 [.800]	8	18	146509-9
△ ₅	19.91 [.784]	17.78 [.700]	7	16	146509-8
△ ₅	17.37 [.684]	15.24 [.600]	6	14	146509-7
△ ₅	14.83 [.584]	12.70 [.500]	5	12	146509-6
△ ₅	12.29 [.484]	10.16 [.400]	4	10	146509-5
△ ₅	9.75 [.384]	7.62 [.300]	3	8	146509-4
△ ₅	7.21 [.284]	5.08 [.200]	2	6	146509-3
△ ₅	4.67 [.184]	2.54 [.100]	1	4	146509-2
△ ₅	2.13 [.084]	-	-	2	146509-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

1

2

3

4

PLC

PLC

PLC

PLC

PLC

±

±

±

±

±

-

0.5[.02]

0.13[.005]

-

±

ANGLES

FINISH

SEE TABLE

MATERIAL

△₄

DWN
R BROWN
19OCT2006

CHK
J GESFORD
19OCT2006

APVD
J GESFORD
19OCT2006

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

00779

146509

2

2

REV

A1

TE Connectivity

HEADER ASSEMBLY, MOD II,
STACKING, DOUBLE ROW,
.025 SQ.POST, UNSHROUDED

SCALE

4:1

SHEET

2

OF

2

REV

A1

4805 (3/11)

Mouser Electronics

Authorized Distributor

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[7-146509-3](#)